

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**REVOCATION OF POWER OF ATTORNEY
WITH NEW POWER OF ATTORNEY
AND
CHANGE OF CORRESPONDENCE ADDRESS
AND
STATEMENT UNDER 37 CFR 3.73(b)**

Sir / Madam:

The undersigned, who is authorized to act on behalf of **FUJITSU LIMITED**, of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan, which is the Assignee of Record of the entire right, title and interest in the applications listed in the attached Exhibit A, by virtue of Assignment Recordation information provided in such Exhibit A, hereby revokes all previous powers of attorney given in such applications and hereby appoints all practitioners associated with Customer Number **79184**.

Please change the Correspondence Address for all applications listed in attached Exhibit A to the address associated with Customer Number **79184**.

Please change the Attorney Docket Number for all applications listed in attached Exhibit A to the New Attorney Docket Number identified in such Exhibit A.

Respectfully submitted,

FUJITSU LIMITED


Michio NAKAMURA
General Manager
Patent Division

December 18, 2008
Date

+81 (44) 754-3041
Telephone Number

Exhibit A

REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY (79184) AND CHANGE OF CORRESPONDENCE ADDRESS (79184)

| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following assignment information related to the listed applications | | | | | |
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| APP NO | FILING DATE | CONF NO | RECORDED | REEL | FRAME |
| 10/629,386 | 07-29-2003 | 6529 | 07/29/2003 | 014349 | 0068 |
| 10/718,548 | 11-24-2003 | 1263 | 11/24/2003 | 014737 | 0139 |
| 10/726,711 | 12-04-2003 | 7039 | 12/04/2003 | 014768 | 0791 |
| 10/728,938 | 12-08-2003 | 8989 | 12/08/2003 | 014816 | 0116 |
| 10/731,114 | 12-10-2003 | 4512 | 12/10/2003 | 014791 | 0249 |
| 10/733,342 | 12-12-2003 | 7459 | 12/12/2003 | 014806 | 0501 |
| 10/757,642 | 01-14-2004 | 3943 | 01/14/2004 | 014898 | 0824 |
| 10/766,867 | 01-30-2004 | 3903 | 01/30/2004 | 014945 | 0287 |
| 10/773,238 | 02-09-2004 | 6900 | 02/09/2004 | 014984 | 0190 |
| 10/778,246 | 02-17-2004 | 6051 | 02/17/2004 | 014993 | 0852 |
| 10/786,411 | 02-26-2004 | 3999 | 02/26/2004 | 015028 | 0141 |
| 10/795,376 | 03-09-2004 | 9337 | 03/09/2004 | 015055 | 0844 |
| 10/798,851 | 03-12-2004 | 6691 | 03/12/2004 | 015086 | 0243 |
| 10/798,853 | 03-12-2004 | 6688 | 03/12/2004 | 015086 | 0378 |
| 10/802,415 | 03-17-2004 | 3866 | 03/17/2004 | 015119 | 0057 |
| 10/849,958 | 05-21-2004 | 8037 | 05/21/2004 | 015363 | 0567 |
| 10/853,233 | 05-26-2004 | 6759 | 05/26/2004 | 015398 | 0769 |
| 10/853,278 | 05-26-2004 | 5488 | 05/26/2004 | 015385 | 0843 |
| 10/853,894 | 05-26-2004 | 7080 | 05/26/2004 | 015403 | 0716 |
| 10/856,881 | 06-01-2004 | 4119 | 09/23/2004 | 015815 | 0846 |
| 10/872,470 | 06-22-2004 | 5742 | 06/22/2004 | 015512 | 0801 |
| 10/888,927 | 07-12-2004 | 3963 | 07/12/2004 | 015568 | 0043 |
| 10/921,201 | 08-19-2004 | 8760 | 08/19/2004 | 015715 | 0833 |
| 10/963,811 | 10-14-2004 | 3251 | 10/14/2004 | 015898 | 0096 |
| 10/999,206 | 11-24-2004 | 4084 | 02/08/2005 | 015658 | 0035 |
| 11/000,235 | 12-01-2004 | 5206 | 12/01/2004 | 016052 | 0070 |
| 11/011,684 | 12-15-2004 | 7584 | 12/15/2004 | 016095 | 0755 |
| 11/012,349 | 12-16-2004 | 2358 | 12/16/2004 | 016103 | 0605 |
| 11/017,810 | 12-22-2004 | 2248 | 12/22/2004 | 016119 | 0745 |
| 11/017,811 | 12-22-2004 | 2245 | 12/22/2004 | 016119 | 0584 |
| 11/017,845 | 12-22-2004 | 2310 | 12/22/2004 | 016119 | 0610 |
| 11/017,846 | 12-22-2004 | 2322 | 12/22/2004 | 016119 | 0705 |
| 11/017,876 | 12-22-2004 | 2159 | 12/22/2004 | 016120 | 0211 |

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| 11/017,881 | 12-22-2004 | 2217 | 12/22/2004 | 016119 | 0617 |
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| 11/018,964 | 12-22-2004 | 4005 | 12/22/2004 | 016122 | 0960 |
| 11/019,609 | 12-23-2004 | 1858 | 12/23/2004 | 016122 | 0117 |
| 11/019,610 | 12-23-2004 | 1856 | 12/23/2004 | 016168 | 0852 |
| 11/020,109 | 12-27-2004 | 1401 | 12/27/2004 | 016137 | 0450 |
| 11/020,357 | 12-27-2004 | 4072 | 12/27/2004 | 016124 | 0140 |
| 11/020,358 | 12-27-2004 | 4077 | 12/22/2004 | 016124 | 0163 |
| 11/020,474 | 12-27-2004 | 8563 | 12/27/2004 | 016131 | 0894 |
| 11/035,734 | 01-18-2005 | 1848 | 01/18/2005 | 016179 | 0525 |
| 11/038,057 | 01-21-2005 | 1119 | 01/21/2005 | 016212 | 0718 |
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| 11/043,068 | 01-27-2005 | 6770 | 01/27/2005 | 016230 | 0169 |
| 11/043,307 | 01-26-2005 | 9776 | 01/26/2005 | 016232 | 0140 |
| 11/044,273 | 01-28-2005 | 8232 | 01/28/2005 | 016225 | 0944 |
| 11/044,994 | 01-28-2005 | 5453 | 01/28/2005 | 016232 | 0350 |
| 11/045,221 | 01-31-2005 | 3473 | 01/31/2005 | 016240 | 0486 |
| 11/057,990 | 02-15-2005 | 6958 | 02/15/2005 | 016281 | 0535 |
| 11/060,464 | 02-18-2005 | 5419 | 02/18/2005 | 016312 | 0624 |
| 11/061,518 | 02-22-2005 | 5588 | 02/22/2005 | 016305 | 0507 |
| 11/062,630 | 02-23-2005 | 6592 | 02/23/2005 | 016317 | 0531 |
| 11/064,848 | 02-25-2005 | 4093 | 05/23/2005 | 016591 | 0165 |
| 11/064,855 | 02-25-2005 | 4107 | 02/25/2005 | 016331 | 0016 |
| 11/066,394 | 02-28-2005 | 5780 | 02/28/2005 | 016338 | 0118 |
| 11/066,499 | 02-28-2005 | 5328 | 02/28/2005 | 016341 | 0277 |
| 11/067,269 | 02-28-2005 | 6424 | 02/28/2005 | 016338 | 0123 |
| 11/067,290 | 02-28-2005 | 6426 | 02/28/2005 | 016338 | 0224 |
| 11/067,291 | 02-28-2005 | 6427 | 05/12/2005 | 016558 | 0894 |
| 11/067,401 | 02-28-2005 | 4792 | 05/23/2005 | 016591 | 0161 |
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| 11/074,845 | 03-09-2005 | 3054 | 03/09/2005 | 016373 | 0673 |
| 11/077,215 | 03-11-2005 | 6673 | 03/11/2005 | 016376 | 0566 |
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| 11/082,881 | 03-18-2005 | 6474 | 09/11/2007 | 019805 | 0737 |
| 11/082,961 | 03-18-2005 | 8513 | 03/18/2005 | 016398 | 0021 |
| 11/085,080 | 03-22-2005 | 5550 | 03/22/2005 | 016406 | 0205 |

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| 11/086,122 | 03-22-2005 | 5589 | 03/22/2005 | 016406 | 0460 |
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| 11/090,592 | 03-28-2005 | 6114 | 03/28/2005 | 016432 | 0185 |
| 11/092,547 | 03-29-2005 | 7695 | 03/29/2005 | 016432 | 0267 |
| 11/092,607 | 03-30-2005 | 7034 | 03/30/2005 | 016441 | 0157 |
| 11/092,881 | 03-30-2005 | 6688 | 03/30/2005 | 016431 | 0634 |
| 11/094,223 | 03-31-2005 | 8377 | 03/31/2005 | 016448 | 0798 |
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| 11/105,442 | 04-14-2005 | 1985 | 04/14/2005 | 016479 | 0138 |
| 11/107,733 | 04-18-2005 | 5537 | 04/18/2005 | 016483 | 0465 |
| 11/107,791 | 04-18-2005 | 7374 | 04/18/2005 | 016487 | 0981 |
| 11/107,796 | 04-18-2005 | 7360 | 04/18/2005 | 016488 | 0799 |
| 11/107,851 | 04-18-2005 | 9559 | 04/18/2005 | 016490 | 0076 |
| 11/113,043 | 04-25-2005 | 7887 | 04/25/2005 | 016515 | 0778 |
| 11/128,285 | 05-13-2005 | 7776 | 05/13/2005 | 016567 | 0582 |
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| 11/130,244 | 05-17-2005 | 2288 | 05/17/2005 | 016576 | 0317 |
| 11/130,245 | 05-17-2005 | 2297 | 05/17/2005 | 016565 | 0608 |
| 11/130,246 | 05-17-2005 | 2303 | 05/17/2005 | 016565 | 0617 |
| 11/145,922 | 06-07-2005 | 5684 | 06/07/2005 | 016670 | 0665 |
| 11/145,971 | 06-07-2005 | 4730 | 06/07/2005 | 016671 | 0267 |
| 11/146,076 | 06-07-2005 | 5232 | 06/07/2005 | 016670 | 0668 |
| 11/147,462 | 06-08-2005 | 6969 | 06/08/2005 | 016685 | 0651 |
| 11/156,532 | 06-21-2005 | 7500 | 06/21/2005 | 016715 | 0639 |
| 11/156,894 | 06-21-2005 | 7033 | 06/21/2005 | 016714 | 0143 |
| 11/156,895 | 06-21-2005 | 7036 | 06/21/2005 | 016714 | 0170 |
| 11/159,311 | 06-23-2005 | 2276 | 06/23/2005 | 016724 | 0754 |
| 11/166,222 | 06-27-2005 | 6370 | 06/27/2005 | 016732 | 0608 |
| 11/167,096 | 06-28-2005 | 7603 | 06/28/2005 | 016736 | 0727 |
| 11/168,359 | 06-29-2005 | 1322 | 6/29/2005 | 016746 | 0233 |
| 11/169,693 | 06-30-2005 | 3889 | 06/30/2005 | 016717 | 0709 |
| 11/169,697 | 06-30-2005 | 3892 | 06/30/2005 | 016749 | 0760 |
| 11/169,770 | 06-30-2005 | 3059 | 06/30/2005 | 016748 | 0800 |
| 11/169,899 | 06-30-2005 | 4208 | 06/30/2005 | 016748 | 0221 |
| 11/174,741 | 07-06-2005 | 1230 | 07/06/2005 | 016758 | 0679 |
| 11/176,255 | 07-08-2005 | 4553 | 07/08/2005 | 016770 | 0323 |
| 11/176,527 | 07-08-2005 | 5630 | 07/08/2005 | 016770 | 0398 |
| 11/177,590 | 07-11-2005 | 9365 | 08/17/2005 | 016899 | 0808 |
| 11/188,782 | 07-26-2005 | 9868 | 07/26/2005 | 016819 | 0130 |

Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following assignment information related to the listed applications

| APP NO | FILING DATE | CONF NO | RECORDED | REEL | FRAME |
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| 11/188,853 | 07-26-2005 | 1223 | 07/26/2005 | 016815 | 0715 |
| 11/188,875 | 07-26-2005 | 1075 | 07/26/2005 | 016815 | 0740 |
| 11/191,005 | 07-28-2005 | 4624 | 07/28/2005 | 016829 | 0475 |
| 11/191,071 | 07-28-2005 | 4849 | 07/28/2005 | 016825 | 0827 |
| 11/191,990 | 07-29-2005 | 6840 | 07/29/2005 | 016807 | 0091 |
| 11/192,092 | 07-29-2005 | 6592 | 07/29/2005 | 016829 | 0170 |
| 11/192,099 | 07-29-2005 | 6741 | 07/29/2005 | 016829 | 0280 |
| 11/192,106 | 07-29-2005 | 6738 | 07/29/2005 | 016827 | 0745 |
| 11/192,190 | 07-29-2005 | 6923 | 07/29/2005 | 016829 | 0293 |
| 11/197,471 | 08-05-2005 | 7603 | 08/05/2005 | 016869 | 0457 |
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| 11/204,184 | 08-16-2005 | 2501 | 08/16/2005 | 016896 | 0140 |
| 11/209,625 | 08-24-2005 | 4066 | 08/24/2005 | 016921 | 0924 |
| 11/209,627 | 08-24-2005 | 4064 | 08/24/2005 | 016927 | 0341 |
| 11/209,644 | 08-24-2005 | 3780 | 08/24/2005 | 016919 | 0985 |
| 11/209,845 | 08-24-2005 | 3821 | 08/24/2005 | 016920 | 0088 |
| 11/209,858 | 08-24-2005 | 3819 | 08/24/2005 | 016919 | 0147 |
| 11/211,657 | 08-26-2005 | 6952 | 12/15/2005 | 017362 | 0156 |
| 11/214,900 | 08-31-2005 | 3532 | 08/31/2005 | 016946 | 0160 |
| 11/226,418 | 09-15-2005 | 6748 | 09/15/2005 | 017000 | 0151 |
| 11/227,142 | 09-16-2005 | 8422 | 09/16/2005 | 017002 | 0138 |
| 11/235,052 | 09-27-2005 | 4312 | 09/27/2005 | 017047 | 0966 |
| 11/239,399 | 09-30-2005 | 1916 | 11/23/2005 | 017267 | 0400 |
| 11/239,400 | 09-30-2005 | 1911 | 09/30/2005 | 017061 | 0157 |
| 11/239,401 | 09-30-2005 | 1921 | 09/30/2005 | 017061 | 0171 |
| 11/244,109 | 10-06-2005 | 2600 | 10/06/2005 | 017079 | 0906 |
| 11/249,392 | 10-14-2005 | 2831 | 10/14/2005 | 017094 | 0364 |
| 11/252,087 | 10-18-2005 | 7703 | 02/15/2006 | 017570 | 0011 |
| 11/256,056 | 10-24-2005 | 8116 | 10/24/2005 | 017141 | 0834 |
| 11/268,613 | 11-08-2005 | 3538 | 11/08/2005 | 017208 | 0623 |
| 11/268,655 | 11-08-2005 | 3869 | 02/06/2006 | 017542 | 0836 |
| 11/270,655 | 11-10-2005 | 9527 | 11/10/2005 | 017236 | 0274 |
| 11/270,680 | 11-10-2005 | 8329 | 11/10/2005 | 017229 | 0949 |
| 11/280,340 | 11-17-2005 | 7876 | 11/17/2005 | 017254 | 0047 |
| 11/280,452 | 11-17-2005 | 7641 | 11/17/2005 | 017222 | 0405 |
| 11/282,639 | 11-21-2005 | 1886 | 11/21/2005 | 017235 | 0458 |
| 11/282,686 | 11-21-2005 | 4732 | 11/21/2005 | 017265 | 0963 |
| 11/287,234 | 11-28-2005 | 3222 | 11/28/2005 | 017289 | 0223 |
| 11/288,308 | 11-29-2005 | 6069 | 11/29/2005 | 017322 | 0102 |
| 11/301,325 | 12-13-2005 | 8281 | 12/13/2005 | 017361 | 0704 |
| 11/312,935 | 12-21-2005 | 5119 | 12/21/2005 | 017402 | 0069 |

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| 11/313,814 | 12-22-2005 | 5939 | 12/22/2005 | 017406 | 0620 |
| 11/316,921 | 12-27-2005 | 4638 | 12/27/2005 | 017415 | 0389 |
| 11/316,941 | 12-27-2005 | 5217 | 12/27/2005 | 017417 | 0917 |
| 11/316,957 | 12-27-2005 | 5044 | 12/27/2005 | 017415 | 0596 |
| 11/319,643 | 12-29-2005 | 7053 | 12/29/2005 | 017421 | 0632 |
| 11/322,558 | 01-03-2006 | 4723 | 01/03/2006 | 017437 | 0194 |
| 11/331,057 | 01-13-2006 | 2855 | 01/13/2006 | 017481 | 0030 |
| 11/340,530 | 01-27-2006 | 9130 | 01/27/2006 | 017512 | 0322 |
| 11/342,669 | 01-31-2006 | 5708 | 05/15/2006 | 017891 | 0425 |
| 11/344,122 | 02-01-2006 | 7697 | 02/01/2006 | 017694 | 0773 |
| 11/349,179 | 02-08-2006 | 6789 | 02/08/2006 | 017544 | 0635 |
| 11/360,565 | 02-24-2006 | 2656 | 02/24/2006 | 017616 | 0645 |
| 11/362,048 | 02-27-2006 | 6825 | 02/27/2006 | 017609 | 0665 |
| 11/363,097 | 02-28-2006 | 7122 | 02/28/2006 | 017631 | 0868 |
| 11/367,379 | 03-06-2006 | 4629 | 03/06/2006 | 017637 | 0425 |
| 11/374,181 | 03-14-2006 | 8774 | 03/14/2006 | 017689 | 0050 |
| 11/378,325 | 03-20-2006 | 8822 | 03/20/2006 | 017665 | 0570 |
| 11/387,811 | 03-24-2006 | 6577 | 06/19/2006 | 018005 | 0105 |
| 11/391,222 | 03-29-2006 | 5392 | 03/29/2006 | 017739 | 0686 |
| 11/391,231 | 03-29-2006 | 5856 | 03/29/2006 | 018082 | 0498 |
| 11/392,646 | 03-30-2006 | 6347 | 03/30/2006 | 017738 | 0941 |
| 11/392,665 | 03-30-2006 | 8062 | 03/30/2006 | 017785 | 0682 |
| 11/392,675 | 03-30-2006 | 8053 | 03/30/2006 | 017745 | 0199 |
| 11/392,776 | 03-30-2006 | 7267 | 03/30/2006 | 018082 | 0496 |
| 11/402,821 | 04-13-2006 | 7773 | 04/13/2006 | 017788 | 0450 |
| 11/407,170 | 04-20-2006 | 7029 | 04/20/2006 | 017795 | 0391 |
| 11/411,782 | 04-27-2006 | 7071 | 04/27/2006 | 017828 | 0855 |
| 11/412,914 | 04-28-2006 | 9620 | 04/28/2006 | 017838 | 0632 |
| 11/412,926 | 04-28-2006 | 8691 | 04/28/2006 | 017839 | 0461 |
| 11/412,941 | 04-28-2006 | 8658 | 04/28/2006 | 017839 | 0463 |
| 11/414,419 | 05-01-2006 | 2002 | 07/31/2006 | 018139 | 0402 |
| 11/415,113 | 05-02-2006 | 4544 | 05/02/2006 | 017849 | 0308 |
| 11/438,342 | 05-23-2006 | 2849 | 05/23/2006 | 017907 | 0332 |
| 11/438,368 | 05-23-2006 | 3803 | 05/23/2006 | 017907 | 0133 |
| 11/439,210 | 05-24-2006 | 4238 | 05/24/2006 | 017924 | 0385 |
| 11/439,211 | 05-24-2006 | 4197 | 05/24/2006 | 017905 | 0198 |
| 11/439,367 | 05-24-2006 | 4552 | 05/24/2006 | 017917 | 0617 |
| 11/443,072 | 05-31-2006 | 3247 | 05/31/2006 | 017944 | 0830 |
| 11/443,097 | 05-31-2006 | 2971 | 08/21/2006 | 018216 | 0824 |
| 11/444,336 | 06-01-2006 | 4743 | 06/01/2006 | 017966 | 0213 |
| 11/453,045 | 06-15-2006 | 4459 | 12/04/2006 | 018663 | 0917 |

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| 11/453,055 | 06-15-2006 | 5312 | 12/04/2006 | 018663 | 0901 |
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| 11/453,844 | 06-16-2006 | 7218 | 12/04/2006 | 018639 | 0615 |
| 11/454,016 | 06-16-2006 | 5722 | 01/18/2007 | 018788 | 0360 |
| 11/454,028 | 06-16-2006 | 5723 | 12/04/2006 | 018664 | 0103 |
| 11/472,431 | 06-22-2006 | 5117 | 06/22/2006 | 018029 | 0244 |
| 11/474,456 | 06-26-2006 | 8775 | 06/26/2006 | 018033 | 0457 |
| 11/474,461 | 06-26-2006 | 8785 | 06/26/2006 | 018037 | 0134 |
| 11/475,197 | 06-27-2006 | 9620 | 06/27/2006 | 018037 | 0142 |
| 11/475,887 | 06-28-2006 | 4306 | 06/28/2006 | 018025 | 0294 |
| 11/475,932 | 06-28-2006 | 1425 | 06/28/2006 | 018046 | 0632 |
| 11/475,960 | 06-28-2006 | 3142 | 06/28/2006 | 018023 | 0876 |
| 11/476,695 | 06-29-2006 | 4083 | 06/29/2006 | 018056 | 0131 |
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| 11/476,748 | 06-29-2006 | 6401 | 06/29/2006 | 018027 | 0410 |
| 11/480,512 | 07-05-2006 | 2915 | 02/27/2007 | 018977 | 0193 |
| 11/488,076 | 07-18-2006 | 7435 | 07/18/2006 | 018113 | 0736 |
| 11/489,504 | 07-20-2006 | 1546 | 07/20/2006 | 018117 | 0255 |
| 11/489,520 | 07-20-2006 | 1535 | 07/20/2006 | 018117 | 0249 |
| 11/489,521 | 07-20-2006 | 1536 | 07/20/2006 | 018118 | 0845 |
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| 11/492,065 | 07-25-2006 | 6367 | 07/25/2006 | 018092 | 0288 |
| 11/492,066 | 07-25-2006 | 6384 | 07/25/2006 | 018092 | 0286 |
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| 11/494,625 | 07-28-2006 | 1690 | 07/28/2006 | 018103 | 0816 |
| 11/494,718 | 07-28-2006 | 1587 | 07/28/2006 | 018140 | 0085 |
| 11/501,065 | 08-09-2006 | 5236 | 08/09/2006 | 018173 | 0635 |
| 11/504,681 | 08-16-2006 | 3877 | 08/16/2006 | 018188 | 0328 |
| 11/504,684 | 08-16-2006 | 3878 | 08/15/2006 | 018204 | 0572 |
| 11/505,389 | 08-17-2006 | 5710 | 08/17/2006 | 018216 | 0734 |
| 11/513,188 | 08-31-2006 | 3331 | 08/31/2006 | 018254 | 0986 |
| 11/520,727 | 09-14-2006 | 8274 | 09/14/2006 | 018311 | 0982 |
| 11/520,825 | 09-14-2006 | 8105 | 01/05/2007 | 018762 | 0265 |
| 11/525,092 | 09-22-2006 | 8643 | 09/22/2006 | 018325 | 0570 |
| 11/525,877 | 09-25-2006 | 1906 | 09/25/2006 | 018337 | 0478 |
| 11/527,541 | 09-27-2006 | 5534 | 09/27/2006 | 018359 | 0935 |
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| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following assignment information related to the listed applications | | | | | |
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| 11/546,909 | 10-13-2006 | 4786 | 10/13/2006 | 018499 | 0094 |
| 11/546,910 | 10-13-2006 | 4788 | 10/13/2006 | 018499 | 0107 |
| 11/546,982 | 10-13-2006 | 5020 | 04/16/2007 | 019190 | 0709 |
| 11/583,735 | 10-20-2006 | 3669 | 11/24/2003 | 014737 | 0139 |
| 11/585,232 | 10-24-2006 | 6814 | 10/24/2006 | 018457 | 0932 |
| 11/586,521 | 10-26-2006 | 1277 | 10/26/2006 | 018470 | 0888 |
| 11/586,522 | 10-26-2006 | 1275 | 10/26/2006 | 018469 | 0787 |
| 11/589,898 | 10-31-2006 | 4581 | 03/21/2007 | 019089 | 0357 |
| 11/589,906 | 10-31-2006 | 5253 | 10/31/2006 | 018487 | 0864 |
| 11/589,914 | 10-31-2006 | 5255 | 10/31/2006 | 018487 | 0861 |
| 11/589,935 | 10-31-2006 | 6871 | 10/31/2006 | 018492 | 0426 |
| 11/590,777 | 11-01-2006 | 6146 | 11/01/2006 | 018484 | 0095 |
| 11/591,590 | 11-02-2006 | 8816 | 11/02/2006 | 018500 | 0064 |
| 11/592,243 | 11-03-2006 | 9283 | 11/03/2006 | 018500 | 0026 |
| 11/598,023 | 11-13-2006 | 8110 | 11/13/2006 | 018600 | 0768 |
| 11/600,080 | 11-16-2006 | 3264 | 11/16/2006 | 018580 | 0623 |
| 11/603,118 | 11-22-2006 | 9302 | 11/22/2006 | 018631 | 0797 |
| 11/603,122 | 11-22-2006 | 9296 | 11/22/2006 | 018631 | 0913 |
| 11/604,220 | 11-27-2006 | 3607 | 11/27/2006 | 018639 | 0382 |
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| 11/637,025 | 12-12-2006 | 9040 | 03/01/2007 | 018987 | 0862 |
| 11/637,809 | 12-13-2006 | 1842 | 12/13/2006 | 018676 | 0658 |
| 11/641,862 | 12-20-2006 | 9827 | 12/20/2006 | 018730 | 0786 |
| 11/642,762 | 12-21-2006 | 2123 | 12/21/2006 | 018736 | 0332 |
| 11/648,538 | 01-03-2007 | 4646 | 03/14/2007 | 019044 | 0986 |
| 11/648,574 | 01-03-2007 | 4581 | 01/03/2007 | 018762 | 0219 |
| 11/649,271 | 01-04-2007 | 6635 | 01/04/2007 | 018775 | 0415 |
| 11/652,022 | 01-11-2007 | 3012 | 01/11/2007 | 018793 | 0479 |
| 11/657,086 | 01-24-2007 | 2826 | 01/24/2007 | 018839 | 0982 |
| 11/657,535 | 01-25-2007 | 3879 | 01/25/2007 | 018842 | 0289 |
| 11/698,050 | 01-26-2007 | 4547 | 04/20/2007 | 019216 | 0592 |
| 11/700,022 | 01-31-2007 | 7858 | 01/31/2007 | 018864 | 0736 |
| 11/702,037 | 02-02-2007 | 8411 | 02/02/2007 | 019001 | 0024 |
| 11/702,206 | 02-05-2007 | 7829 | 02/05/2007 | 019636 | 0201 |
| 11/704,319 | 02-09-2007 | 2911 | 02/09/2007 | 018983 | 0587 |
| 11/704,320 | 02-09-2007 | 2907 | 02/27/2007 | 018980 | 0554 |
| 11/709,237 | 02-22-2007 | 1871 | 02/22/2007 | 019014 | 0976 |

| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following assignment information related to the listed applications | | | | | |
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| 11/710,511 | 02-26-2007 | 4996 | 02/26/2007 | 019052 | 0147 |
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| 11/723,282 | 03-19-2007 | 5535 | 05/15/2007 | 019325 | 0965 |
| 11/723,283 | 03-19-2007 | 5482 | 03/19/2007 | 019110 | 0520 |
| 11/727,062 | 03-23-2007 | 9466 | 06/13/2007 | 019452 | 0635 |
| 11/727,281 | 03-26-2007 | 1693 | 03/26/2007 | 019168 | 0166 |
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| 11/730,482 | 04-02-2007 | 8442 | 04/02/2007 | 019194 | 0698 |
| 11/730,483 | 04-02-2007 | 8453 | 04/02/2007 | 019190 | 0497 |
| 11/730,496 | 04-02-2007 | 8490 | 04/02/2007 | 019190 | 0212 |
| 11/730,530 | 04-02-2007 | 6969 | 04/02/2007 | 019197 | 0395 |
| 11/730,546 | 04-02-2007 | 8493 | 04/02/2007 | 019190 | 0260 |
| 11/730,552 | 04-02-2007 | 8495 | 04/02/2007 | 019190 | 0249 |
| 11/730,553 | 04-02-2007 | 8496 | 04/02/2007 | 019190 | 0239 |
| 11/730,666 | 04-03-2007 | 9454 | 04/03/2007 | 019197 | 0526 |
| 11/730,667 | 04-03-2007 | 9465 | 04/03/2007 | 019197 | 0502 |
| 11/730,668 | 04-03-2007 | 9457 | 04/03/2007 | 019197 | 0533 |
| 11/730,669 | 04-03-2007 | 9449 | 04/03/2007 | 019198 | 0668 |
| 11/730,670 | 04-03-2007 | 9458 | 04/03/2007 | 019197 | 0499 |
| 11/730,671 | 04-03-2007 | 9453 | 04/03/2007 | 019197 | 0523 |
| 11/730,672 | 04-03-2007 | 9455 | 04/03/2007 | 019198 | 0671 |
| 11/783,033 | 04-05-2007 | 2842 | 04/05/2007 | 019185 | 0921 |
| 11/783,034 | 04-05-2007 | 2853 | 05/26/2004 | 015403 | 0716 |
| 11/783,155 | 04-06-2007 | 4892 | 04/06/2007 | 019213 | 0022 |
| 11/783,156 | 04-06-2007 | 4885 | 04/06/2007 | 019208 | 0382 |
| 11/783,157 | 04-06-2007 | 4888 | 04/06/2007 | 019208 | 0363 |
| 11/783,159 | 04-06-2007 | 4403 | 04/06/2007 | 019212 | 0985 |
| 11/785,999 | 04-23-2007 | 8876 | 04/23/2007 | 019299 | 0118 |
| 11/788,855 | 04-20-2007 | 9048 | 04/20/2007 | 019296 | 0049 |
| 11/790,381 | 04-25-2007 | 1083 | 04/25/2007 | 019291 | 0958 |
| 11/790,384 | 04-25-2007 | 8826 | 04/25/2007 | 019272 | 0402 |
| 11/790,578 | 04-26-2007 | 1050 | 04/26/2007 | 019291 | 0956 |
| 11/790,579 | 04-26-2007 | 1058 | 04/26/2007 | 019292 | 0135 |
| 11/790,790 | 04-27-2007 | 2462 | 04/27/2007 | 019292 | 0045 |
| 11/790,982 | 04-30-2007 | 5065 | 08/01/2007 | 019677 | 0131 |
| 11/797,152 | 05-01-2007 | 4015 | 05/01/2007 | 019309 | 0911 |
| 11/798,711 | 05-16-2007 | 6573 | 05/16/2007 | 019367 | 0586 |
| 11/802,155 | 05-21-2007 | 9117 | 05/21/2007 | 019393 | 0180 |
| 11/802,491 | 05-23-2007 | 1290 | 05/23/2007 | 019388 | 0183 |

| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following assignment information related to the listed applications | | | | | |
|--|-------------|---------|------------|--------|-------|
| APP NO | FILING DATE | CONF NO | RECORDED | REEL | FRAME |
| 11/802,820 | 05-25-2007 | 3374 | 05/25/2007 | 019400 | 0042 |
| 11/806,197 | 05-30-2007 | 6347 | 05/30/2007 | 019420 | 0233 |
| 11/806,965 | 06-05-2007 | 2081 | 06/05/2007 | 019436 | 0248 |
| 11/808,662 | 06-12-2007 | 7681 | 06/12/2007 | 019475 | 0880 |
| 11/808,984 | 06-14-2007 | 8773 | 06/14/2007 | 019480 | 0073 |
| 11/812,184 | 06-15-2007 | 9208 | 06/15/2007 | 019491 | 0274 |
| 11/812,467 | 06-19-2007 | 2769 | 06/19/2007 | 019502 | 0139 |
| 11/812,788 | 06-21-2007 | 4626 | 06/21/2007 | 019516 | 0063 |
| 11/812,936 | 06-22-2007 | 6200 | 08/10/2007 | 019708 | 0553 |
| 11/819,411 | 06-27-2007 | 8756 | 06/27/2007 | 019538 | 0438 |
| 11/819,626 | 06-28-2007 | 1084 | 06/28/2007 | 019546 | 0957 |
| 11/819,627 | 06-28-2007 | 1056 | 06/28/2007 | 019546 | 0139 |
| 11/819,984 | 06-29-2007 | 1803 | 06/29/2007 | 019551 | 0108 |
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| 11/822,198 | 07-03-2007 | 4430 | 07/03/2007 | 019579 | 0393 |
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| 11/822,528 | 07-06-2007 | 62961 | 07/06/2007 | 019566 | 0951 |
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| 11/826,499 | 07-16-2007 | 2644 | 07/16/2007 | 019643 | 0777 |
| 11/826,500 | 07-16-2007 | 2634 | 07/16/2007 | 019642 | 0627 |
| 11/826,608 | 07-17-2007 | 3367 | 07/17/2007 | 019632 | 0277 |
| 11/826,610 | 07-17-2007 | 3662 | 07/17/2007 | 019642 | 0968 |
| 11/826,611 | 07-17-2007 | 3660 | 07/17/2007 | 019642 | 0951 |
| 11/826,728 | 07-18-2007 | 4692 | 07/18/2007 | 019643 | 0942 |
| 11/826,729 | 07-18-2007 | 4677 | 07/18/2007 | 019600 | 0296 |
| 11/826,730 | 07-18-2007 | 4708 | 07/18/2007 | 019599 | 0962 |
| 11/826,886 | 07-19-2007 | 4638 | 07/19/2007 | 019600 | 0018 |
| 11/826,888 | 07-19-2007 | 4510 | 07/19/2007 | 019683 | 0778 |
| 11/826,890 | 07-19-2007 | 4482 | 07/19/2007 | 019642 | 0788 |
| 11/826,891 | 07-19-2007 | 4468 | 07/19/2007 | 019642 | 0880 |
| 11/878,063 | 07-20-2007 | 5570 | 07/20/2007 | 019632 | 0728 |
| 11/878,222 | 07-23-2007 | 7515 | 07/23/2007 | 019653 | 0807 |
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| 11/878,588 | 07-25-2007 | 8959 | 07/25/2007 | 019662 | 0836 |
| 11/878,925 | 07-27-2007 | 1434 | 07/27/2007 | 019684 | 0947 |
| 11/878,928 | 07-27-2007 | 1628 | 07/27/2007 | 019678 | 0616 |

| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following assignment information related to the listed applications | | | | | |
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| 11/882,231 | 07-31-2007 | 3374 | 07/31/2007 | 019689 | 0892 |
| 11/882,232 | 07-31-2007 | 3376 | 07/31/2007 | 019694 | 0549 |
| 11/882,368 | 08-01-2007 | 4312 | 08/01/2007 | 019694 | 0493 |
| 11/889,650 | 08-15-2007 | 4188 | 08/15/2007 | 019747 | 0893 |
| 11/889,660 | 08-15-2007 | 4204 | 08/15/2007 | 019752 | 0774 |
| 11/889,833 | 08-16-2007 | 4746 | 08-16-2007 | 019756 | 0499 |
| 11/889,834 | 08-16-2007 | 4783 | 08/16/2007 | 019747 | 0805 |
| 11/889,899 | 08-17-2007 | 5844 | 08/17/2007 | 019766 | 0572 |
| 11/892,098 | 08-20-2007 | 6913 | 08/20/2007 | 019764 | 0948 |
| 11/892,513 | 08-23-2007 | 9882 | 08/23/2007 | 019792 | 0111 |
| 11/896,064 | 08-29-2007 | 5086 | 08/29/2007 | 019821 | 0454 |
| 11/896,065 | 08-29-2007 | 3837 | 08/29/2007 | 019809 | 0465 |
| 11/896,074 | 08-29-2007 | 3593 | 08/29/2007 | 019796 | 0860 |
| 11/896,266 | 08-30-2007 | 5063 | 08/30/2007 | 019821 | 0459 |
| 11/896,397 | 08-31-2007 | 5031 | 08/31/2007 | 019816 | 0160 |
| 11/896,399 | 08-31-2007 | 5038 | 08/31/2007 | 019816 | 0688 |
| 11/896,436 | 08-31-2007 | 6114 | 08/31/2007 | 019839 | 0156 |
| 11/896,553 | 09-04-2007 | 5757 | 09/04/2007 | 019819 | 0613 |
| 11/896,992 | 09-07-2007 | 9146 | 09/07/2007 | 019853 | 0401 |
| 11/898,156 | 09-10-2007 | 1059 | 09/10/2007 | 019861 | 0124 |
| 11/898,711 | 09-14-2007 | 4850 | 09/14/2007 | 019882 | 0254 |
| 11/898,771 | 09-14-2007 | 4367 | 09/14/2007 | 019882 | 0667 |
| 11/898,984 | 09-18-2007 | 5802 | 09/18/2007 | 019883 | 0525 |
| 11/898,985 | 09-18-2007 | 5797 | 09/18/2007 | 019883 | 0658 |
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| 11/902,585 | 09-24-2007 | 9323 | 09/24/2007 | 019940 | 0060 |
| 11/902,856 | 09-26-2007 | 1880 | 09/26/2007 | 019948 | 0026 |
| 11/905,419 | 10-01-2007 | 5652 | 10/01/2007 | 019951 | 0678 |
| 11/905,712 | 10-03-2007 | 7916 | 10/03/2007 | 019975 | 0924 |
| 11/907,102 | 10-09-2007 | 1474 | 10/09/2007 | 019989 | 0605 |
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| 11/907,475 | 10-12-2007 | 4995 | 10/12/2007 | 020015 | 0775 |
| 11/907,476 | 10-12-2007 | 4989 | 10/12/2007 | 020015 | 0760 |
| 11/907,477 | 10-12-2007 | 5023 | 11/16/2007 | 020162 | 0764 |
| 11/907,566 | 10-15-2007 | 5819 | 10/15/2007 | 020023 | 0166 |
| 11/976,116 | 10-22-2007 | 8633 | 10/22/2007 | 020050 | 0274 |

| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following assignment information related to the listed applications | | | | | |
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| 11/976,517 | 10-25-2007 | 2350 | 10/25/2007 | 020066 | 0042 |
| 11/976,653 | 10-26-2007 | 3146 | 10/26/2007 | 020075 | 0847 |
| 11/976,969 | 10-30-2007 | 5020 | 10/30/2007 | 020089 | 0020 |
| 11/979,157 | 10-31-2007 | 7963 | 10/31/2007 | 020115 | 0602 |
| 11/979,158 | 10-31-2007 | 6704 | 10/31/2007 | 020116 | 0682 |
| 11/984,257 | 11-15-2007 | 6677 | 11/15/2007 | 020161 | 0829 |
| 11/984,363 | 11-16-2007 | 7814 | 11/16/2007 | 020162 | 0978 |
| 11/984,962 | 11-26-2007 | 2877 | 11/26/2007 | 020193 | 0093 |
| 11/984,964 | 11-26-2007 | 2836 | 11/26/2007 | 020193 | 0102 |
| 11/987,089 | 11-27-2007 | 3921 | 11/27/2007 | 020203 | 0166 |
| 11/987,221 | 11-28-2007 | 4503 | 11/28/2007 | 020210 | 0332 |
| 11/987,335 | 11-29-2007 | 5420 | 11/29/2007 | 020216 | 0229 |
| 11/987,470 | 11-30-2007 | 6790 | 11/30/2007 | 020244 | 0813 |
| 11/987,471 | 11-30-2007 | 6745 | 01/29/2008 | 020445 | 0511 |
| 11/987,619 | 12-03-2007 | 6742 | 12/03/2007 | 020240 | 0461 |
| 11/987,727 | 12-04-2007 | 7384 | 12/04/2007 | 020247 | 0645 |
| 11/987,853 | 12-05-2007 | 8213 | 12/05/2007 | 020247 | 0633 |
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| 12/000,291 | 12-11-2007 | 2698 | 03/11/2008 | 020658 | 0094 |
| 12/000,510 | 12-13-2007 | 3363 | 12/13/2007 | 020283 | 0017 |
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| 12/000,782 | 12-17-2007 | 7266 | 12/17/2007 | 020315 | 0487 |
| 12/000,857 | 12-18-2007 | 6124 | 12/18/2007 | 020300 | 0501 |
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| 12/003,285 | 12-21-2007 | 9200 | 12/21/2007 | 020328 | 0214 |
| 12/003,292 | 12-21-2007 | 2144 | 12/21/2007 | 020340 | 0620 |
| 12/003,940 | 01-03-2008 | 6310 | 01/03/2008 | 020368 | 0423 |
| 12/004,063 | 12-20-2007 | 8320 | 12/20/2007 | 020333 | 0306 |
| 12/005,380 | 12-27-2007 | 2981 | 12/27/2007 | 020340 | 0067 |
| 12/007,016 | 01-04-2008 | 7122 | 01/04/2008 | 020383 | 0515 |
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| 12/007,512 | 01-11-2008 | 9498 | 01/11/2008 | 020390 | 0866 |
| 12/007,648 | 01-14-2008 | 1413 | 01/14/2008 | 020400 | 0171 |
| 12/007,841 | 01-16-2008 | 2911 | 01/16/2008 | 020425 | 0223 |
| 12/007,843 | 01-16-2008 | 2903 | 01/16/2008 | 020428 | 0485 |
| 12/010,471 | 01-25-2008 | 7161 | 01/25/2008 | 020479 | 0605 |

| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following assignment information related to the listed applications | | | | | |
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| 12/068,588 | 02-08-2008 | 5513 | 06/13/2008 | 021097 | 0090 |
| 12/068,833 | 02-12-2008 | 6550 | 02/12/2008 | 020569 | 0491 |
| 12/071,039 | 02-14-2008 | 8019 | 02/14/2008 | 020563 | 0282 |
| 12/071,459 | 02-21-2008 | 2161 | 02/21/2008 | 020596 | 0350 |
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| 12/071,904 | 02-27-2008 | 4640 | 02/27/2008 | 020640 | 0681 |
| 12/073,337 | 03-04-2008 | 7429 | 03/04/2008 | 020649 | 0720 |
| 12/076,058 | 03-13-2008 | 3042 | 03/13/2008 | 020688 | 0471 |
| 12/076,162 | 03-14-2008 | 3603 | 03/14/2008 | 020709 | 0757 |
| 12/076,714 | 03-21-2008 | 7016 | 03/21/2008 | 020740 | 0612 |
| 12/076,825 | 03-24-2008 | 7932 | 05/01/2008 | 020888 | 0032 |
| 12/076,898 | 03-25-2008 | 8192 | 03/25/2008 | 020750 | 0895 |
| 12/078,053 | 03-26-2008 | 9570 | 03/26/2008 | 020755 | 0723 |
| 12/078,127 | 03-27-2008 | 1254 | 03/27/2008 | 020758 | 0223 |
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| 12/123,232 | 05-19-2008 | 1393 | 05/19/2008 | 020967 | 0915 |
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| 12/128,380 | 05-28-2008 | 1186 | 05/28/2008 | 021010 | 0358 |
| 12/128,439 | 05-28-2008 | 1312 | 05/28/2008 | 021010 | 0711 |
| 12/130,639 | 05-30-2008 | 4353 | 08/08/2008 | 021400 | 0777 |
| 12/155,942 | 06-11-2008 | 7001 | 06/11/2008 | 021123 | 0998 |
| 12/216,234 | 07-01-2008 | 7095 | 07/01/2008 | 021247 | 0280 |
| 12/216,516 | 07-07-2008 | 9059 | 07/07/2008 | 021271 | 0658 |
| 12/216,558 | 07-08-2008 | 9209 | 07/08/2008 | 021271 | 0709 |

| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following chain of title from the inventor(s) of the identified patent application/patent, to the Fujitsu Limited as follows | | | | | | |
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| APP NO | FILING DATE | CONF NO | FROM | TO | RECORDED | REEL FRAME |
| 09/950,710 | 09-13-2001 | 2221 | OSAMU TSUBOI, SATOSHI UEDA, YOSHIHIRO MIZUNO, IPPEI SAWAKI, FUMIO YAMAGISHI | FUJITSU LIMITED, FUJITSU MEDIA DEVICES LIMITED | 09/13/2001 | 012171 0429 |
| | | | OSAMU TSUBOI, SATOSHI UEDA, YOSHIHIRO MIZUNO, IPPEI SAWAKI, FUMIO YAMAGISHI | FUJITSU LIMITED, FUJITSU MEDIA DEVICES LIMITED | 12/28/2001 | 012409 0112 |
| | | | FUJITSU MEDIA DEVICES LIMITED | FUJITSU LIMITED | 09/07/2007 | 019805 0099 |
| 10/967,280 | 10-19-2004 | 3133 | AKIHIKO OHWADA, TATSUMI NAKADA, HITOSHI YAMANAKA | FUJITSU LIMITED LIMITED | 10/19/2004 | 015915 0822 |
| | | | AKIHIKO OHWADA, TATSUMI NAKADA, HITOSHI YAMANAKA | FUJITSU LIMITED | 04/26/2005 | 016183 0166 |
| 11/502,537 | 08-11-2006 | 8821 | TAKAHIRO KOBAYAKAWA | FUJITSU KYUSHU NETWORK TECHNOLOGIES LIMITED | 08/11/2006 | 018180 0464 |
| | | | TAKAHIRO KOBAYAKAWA | FUJITSU LIMITED | 09/27/2006 | 018346 0893 |

| Fujitsu Limited is the owner of the entire right, title, and interest by virtue of the following chain of title from the inventor(s) of the identified patent application/patent, to the Fujitsu Limited as follows | | | | | | |
|---|------------|------|---|--------------------|------------|-------------|
| 11/528,354 | 09-28-2006 | 6785 | HIDOHARU SHAKO, YASUHITO FUNYU, TAKESHI OHBA | FUJITSU LIMITED | 12/18/2006 | 018715 0056 |
| | | | HIDOHARU SHAKO, YASUHITO FUNYU, TAKESHI OHBA | FUJITSU LIMITED | 02/18/2007 | 018950 0281 |
| | | | HIDEHARU SHAKO, YASUHITO FUNYU, TAKESHI OHBA | FUJITSU LIMITED | 04/17/2007 | 019206 0071 |
| 11/896,991 | 09-07-2007 | 9149 | ASTUSHI SHINOAKI | FUJITSU LIMITED | 09/07/2007 | 019853 0166 |
| | | | ATSUSHI SHINOZAKI | FUJITSU LIMITED | 11/08/2007 | 020121 0311 |
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| | | | KEIJIRO KUBO, SATOSHI KUROKI, YASUHIRO MORI, KAZUOYANO | FUJITSU LIMITED | 10/14/2008 | 021704 0464 |